**Project Log**

Team Name: Usearch Development Team

Topic: Usearch

Team Members

Name Roles

1. Shesan Balachandran (SB) Project Manager/Developer
2. Nishanth Raveendran (NR) Scrum Master/Developer
3. Dananjay Prabaharan (DP) Documentation/Developer
4. Bill Nguyen (BN) Front-end Design/Developer

See Project\_Plan.pdf for a clear breakdown of the roles.

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| Time Stamp | Members | Type | Task | Status | Comments | Supporting Documents |
|  |  |  |  |  |  |  |
| 02/14/ 2019 | All | Decision | 1.0 | Completed | - Topic selection (Usearch)  - Role assignment |  |
| 02/14/ 2019 | All | Decision | 1.1 | Completed | - Refined product idea  - Finalized the dataset (Amazon co-product meta data & Amazon review data) | https://snap.stanford.edu/data/amazon-meta.html  http://jmcauley.ucsd.edu/data/amazon/ |
| 02/15/ 2019 | All | Task | 1.2 | Completed | - Project organization  - Workflow Setup (GitHub, Google Drive) | https://github.com/shesan24/uSearch |
| 02/16/2019 | SB | Task | 1.3 | Completed | - Project plan document | Project\_Plan.pdf |
| 02/17/2019 | SB  DP  SB  NR | Task | 1.4 | Completed | - Project logs  - Meeting minutes  - Product backlogs  - Sprint backlogs & burnout charts | Group12\_Log\_190217.pdf  Group12\_MM\_190214.pdf  Week\_1\_Product\_Backlog.pdf  Week\_1\_Sprint\_Backlog\_and\_Burnout\_Chart.pdf |
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| 02/26/ 2019 | All | Task | 2.0 | Completed | - Research and identify the algorithms to use  - Brainstorm sample UIs |  |
| 02/28/ 2019 | All | Decision | 2.1 | Completed | - Finalized the algorithms  - Finalized the app UI |  |
| 02/28/2019 | SB  NR | Task | 2.2 | Completed | - Requirement specification | Requirement\_Specification.pdf |
| 03/3/2019 | SB  DP  SB  NR | Task | 2.3 | Completed | - Project logs  - Meeting minutes  - Product backlogs  - Sprint backlogs & burnout charts | Group12\_Log\_190303.pdf  Group12\_MM\_190228.pdf  Week\_2\_Product\_Backlog.pdf  Week\_2\_Sprint\_Backlog\_and\_Burnout\_Chart.pdf |
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| 03/05/ 2019 | SB | Task | 3.0 | Completed | - Develop the product type (Java) | Product.java |
| 03/07/ 2019 | BN | Task | 3.1 | Completed | - Develop the UI overlay (Android studio) |  |
| 03/09/ 2019 | SB | Task | 3.2 | Completed | - Pre-process the metadata and create a clean dataset (Python) | processProductData.py |
| 03/09/ 2019 | BN | Task | 3.3 | Completed | - Add UI interaction (Android studio) |  |
| 03/10/2019 | SB  DP  SB  NR | Task | 3.4 | Completed | - Project logs  - Meeting minutes  - Product backlogs  - Sprint backlogs & burnout charts | Group12\_Log\_190310.pdf  Group12\_MM\_190307.pdf  Week\_3\_Product\_Backlog.pdf  Week\_3\_Sprint\_Backlog\_and\_Burnout\_Chart.pdf |
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| 03/11/2019 | SB | Task | 4.0 | Completed | - Develop the review type (Java) | Review.java |
| 03/12/ 2019 | DP | Task | 4.1 | Completed | - Implement search module (Java) | Search.java |
| 03/12/ 2019 | NR | Task | 4.2 | Completed | - Implement sort module (Java) | Sort.java |
| 03/14/2019 | SB | Task | 4.3 | Completed | - Object creation module (Java) | CreateItems.java |
| 03/14/2019 | SB | Task | 4.4 | Completed | - Read module (Java) | Read.java |
| 03/16/2019 | SB  BN | Task | 4.5 | Completed | - App module (Java) &  connecting UI to the main  (Android Studio) | App.java |
| 03/17/2019 | SB  DP  SB  NR | Task | 4.6 | Completed | - Project logs  - Meeting minutes  - Product backlogs  - Sprint backlogs & burnout charts | Group12\_Log\_190317.pdf  Group12\_MM\_190314.pdf  Week\_4\_Product\_Backlog.pdf  Week\_4\_Sprint\_Backlog\_and\_Burnout\_Chart.pdf |
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| 03/19/2019 | SB | Task | 5.0 | Completed | - Test object creation module (JUnit) | CreateItemsTest.java |
| 03/20/2019 | DP | Task | 5.1 | Completed | - Test search module (JUnit) | SearchTest.java |
| 03/20/2019 | NR | Task | 5.2 | Completed | - Test sort module (JUnit) | SortTest.java |
| 03/24/2019 | SB | Task | 5.3 | Completed | - Implement graph module (Java) | Graph.java |
| 03/24/2019 | SB  DP  SB  NR | Task | 5.4 | Completed | - Project logs  - Meeting minutes  - Product backlogs  - Sprint backlogs & burnout charts | Group12\_Log\_190324.pdf  Group12\_MM\_190321.pdf  Week\_5\_Product\_Backlog.pdf  Week\_5\_Sprint\_Backlog\_and\_Burnout\_Chart.pdf |
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| 03/25/2019 | SB | Task | 6.0 | Completed | - Test product type (JUnit) | ProductTest.java |
| 03/26/2019 | SB | Task | 6.1 | Completed | - Test review type (JUnit) | ReviewTest.java |
| 03/28/2019 | NR | Task | 6.2 | Completed | - Document search module (Java Doc) | Search.java |
| 03/28/2019 | NR | Task | 6.3 | Completed | - Document sort module (Java Doc) | Sort.java |
| 03/30/2019 | NR | Task | 6.4 | Completed | - Document graph module (Java Doc) | Graph.java |
| 03/31/2019 | SB | Task | 6.5 | Completed | - Test graph module (JUnit) | GraphTest.java |
| 03/31/2019 | SB  DP  SB  NR | Task | 6.6 | Completed | - Project logs  - Meeting minutes  - Product backlogs  - Sprint backlogs & burnout charts | Group12\_Log\_190331.pdf  Group12\_MM\_190328.pdf  Week\_6\_Product\_Backlog.pdf  Week\_6\_Sprint\_Backlog\_and\_Burnout\_Chart.pdf |
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| 04/02/2019 | BN | Task | 7.0 | Completed | - Demo file for presentation (Java) | GUI.java |
| 04/02/2019 | SB  NR | Task | 7.1 | Completed | - Slides for the final presentation | Group12\_ProjectPresentation.pdf |
| 04/03/2019 | SB | Task | 7.2 | Completed | - Document product type (Java Doc) | Product.java |
| 04/03/2019 | SB | Task | 7.3 | Completed | - Document review type (Java Doc) | Review.java |
| 04/04/2019 | SB | Task | 7.4 | Completed | - Document create items (Java Doc) | CreateItems.java |
| 04/04/2019 | SB | Task | 7.5 | Completed | - Document read (Java Doc) | Read.java |
| 04/07/2019 | DP  NR  SB | Task | 7.6 | Completed | - Design specification report | Design\_Specification.pdf |
| 04/07/2019 | SB  DP  SB  NR | Task | 7.7 | Completed | - Project logs  - Meeting minutes  - Product backlogs  - Sprint backlogs & burnout charts | Group12\_Log\_190407.pdf  Group12\_MM\_190404.pdf  Week\_7\_Product\_Backlog.pdf  Week\_7\_Sprint\_Backlog\_and\_Burnout\_Chart.pdf |
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